



PROGRAM OF STUDY

CAREER LADDER



## Certifications

Beyond attaining a post-secondary degree, student can apply for a variety of additional professional certifications which attest to the attainment of a body of knowledge and capability specific to operations and management of bike share systems. Certifications include, OSHA; GPS; GIS; Fleet Tracking Systems; Bike Mechanic training; Project Management.



## Master of Science in Resilient and Communities

Year 5+

Students research regionally specific examples of land-use planning, economic development, energy production, food systems and social justice, while developing skills in leadership, group organization and conflict resolution.

Students learn how to achieve their economic objectives while addressing the needs of the environment, employees, communities and other stakeholders.

### Core Courses

Land Use Planning and Policy  
Energy and the Environment  
Bioregional Approach to Communities  
Operations Management & Systems Thinking  
Sustainable Organizational Management

### Transportation-Related Courses

GIS  
Transportation Systems  
Topics in Green Design  
Emergency Management & Communication

Experiential learning includes case studies and capstone projects.



## BS / BA in Urban Studies and Planning

Year 3-6

This program of study mixes conventional classes with fieldwork and computer-based learning. , or senior capstone requirements. Students become deeply engaged with questions of community & neighborhood development, urban policy & design, sustainability, transportation and community development.

### GE Courses

Science, Social Sciences, Humanities, Arts & Foundational Core Courses

### Transportation-Related Courses

Urban Geography  
Transportation History & Policy  
Bicycle & Pedestrian Transportation Planning  
CAD  
Certificate in GIS & Spatial Analysis

Experiential learning includes fieldwork, labs, internships, & research



## Bachelor's Degree in Community Development

Year 3-6

Students will complete institutional requirements for the degree sought. The Bachelor's degree in Community Development is a multi-disciplinary, social science program that prepares students for careers in housing, community organizing, transportation and economic development. The hands-on program incorporates significant field research.

### General Education Courses

Students will develop writing, communication, math, and critical thinking skills.

### Transportation-Related Courses

GIS for Community Development  
Urban Planning  
Urban Transportation  
Information Cities  
Community & Built Environment

Experiential learning includes labs, internships, practicum, and fieldwork



## High School Diploma or G.E.D.

Warehouse or Maintenance, bike mechanic training; OSHA. CTE coursework, if available.



## Alternative Job Titles

Regional Market Manager, Project Manager, Bike Share City Manager

## Job Description

Responsible for coordinating and leading the work of the Bike Share Partnership by supporting and managing tasks completed by the partners and stakeholders. The Program Manager will work closely with the staff of the Office of Transportation and Infrastructure Systems and national partners to build on the successes of the Bike Share Partnership to date; and to identify and foster strategies that make bike sharing a relevant tool to improve the lives of people of color and low income populations. The Program Manager must be passionate about equity and understand the potential that bike share offers to improve the lives of all community members.

- Manage and monitor work completed by a network of local and national partners to meet Bike Share Partnership goals, providing guidance and support as needed.
- Actively engage and energize partner organizations.
- Develop strategic vision for Bike Share Partnership that incorporated a long-term model of equitable bike share and creates strategies for ongoing collaboration and funding.
- Manage deliverables and reporting for multiple grants that support Bike Share work.
- Manage relationships with various funders and communicate successes and challenges in a timely and responsible manner.
- Produce and present program reports for a wide range of partners and stakeholders.
- Develop sustainable funding strategies for Bike Share Partnership including researching and applying for additional grants and alternative funding streams.

## Knowledge Requirements

- Project Management
- Budgeting/Financial Analysis
- Communication
- Commitment to diversity, inclusion, and equity in the organization and throughout service delivery

## Technical Skills Requirements

- Project Management
- Green Transportation Solutions
- Principles of Shared Mobility
- GPS
- Fleet Tracking
- GIS
- Microsoft Office Applications

## Required Skills & Abilities

- Presentations (Public Speaking)
- Written and Oral Communication
- Plan and Coordinate Projects
- Stakeholder Engagement
- Customer Relations
- Management/Supervision
- Prepare/Administer Budgets
- Judgement & Decision-making
- Critical Thinking
- Complex Problem Solving
- Leadership

## Typical Salary

- Salaries for these positions cross an extremely wide range. These positions are either newly developing, or transforming existing positions. They are also dependent on the size of the municipality and its location.

## Education & Work Experience

- Urban Planning/Sustainable Transportation/Sustainable Communities Master's degree preferred; bachelor's degree accepted for a majority of positions. A combination of education and work experience that fulfill the requirements is acceptable.
- Senior level management experience in Bikes Share Operations, Community Development; Managing complex projects and teams.